

Virginia Division of Consolidated Laboratory Services- Richmond, VA

| TOTAL PHOSPORUS BY AUTOMATIC COLORIMETER EPA 365.4 | | | | | |
|---|------------------|---|---|-----|----------|
| Facility Name: _____ VELAP ID: _____ | | | | | |
| Assessor Name: _____ Analyst Name: _____ Inspection Date: _____ | | | | | |
| Relevant Aspect of Standards | Method Reference | Y | N | N/A | Comments |
| Records Examined: SOP Number/ Revision/ Date _____ Analyst: _____ | | | | | |
| Sample ID: _____ Date of Sample Preparation: _____ Date of Analysis: _____ | | | | | |
| If not analyzed the day of collection, are samples preserved with sulfuric acid? | 3.2 | | | | |
| To 20 or 25 mL of sample is 5 mL of digestion solution (Sulfuric acid-mercuric sulfate-potassium sulfate solution) added and mixed with a vortex mixer? | 6.1 | | | | |
| Are 4-8 Teflon boiling chips added? | 6.2 | | | | |
| Are samples digested at 160°C for 1 hour and then at 380°C for 2 1/2 hours? | 6.3 | | | | |
| Are sample cooled dilute to 25 mL with distilled water. | 6.4 | | | | |
| Are reagents allowed to pump for at least five minutes prior to adding the molybdate/ antimony line? | 6.4.4 | | | | |
| Is a stable baseline obtained prior to starting the autosampler? | 6.4.5 | | | | |
| Notes/ Comments: | | | | | |